

## INTERNATIONAL SEARCH REPORT

PCT/GB 03/03086

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C01B31/02 C23C16/26 C23C16/54 B01J23/74

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C01B C23C B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, WPI Data, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 333 016 B1 (HARWELL JEFFREY H ET AL) 25 December 2001 (2001-12-25)  column 4, line 25 - line 33 column 5, line 25 - column 6, line 22; example 1	1,2, 4-16, 18-21, 24-26
X	DE 100 43 891 A (INFINEON TECHNOLOGIES AG) 4 April 2002 (2002-04-04)  paragraphs '0008!-'0011! paragraphs '0013!-'0017!  -/--	1,2, 4-13, 15-18, 20,24,26



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*Z\* document member of the same patent family

Date of the actual completion of the international search

24 October 2003

Date of mailing of the international search report

10/11/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>ROHMUND F ET AL: "A simple method for the production of large arrays of aligned carbon nanotubes"            CHEMICAL PHYSICS LETTERS, 6 OCT. 2000, ELSEVIER, NETHERLANDS, vol. 328, no. 4-6, pages 369-373, XP002259154            ISSN: 0009-2614            the whole document</p>	<p>1,2,4,            6-11,            15-18,            21,24,26</p>
X	<p>HAFNER J H ET AL: "CATALYTIC GROWTH OF SINGLE-WALL CARBON NANOTUBES FROM METAL PARTICLES"            CHEMICAL PHYSICS LETTERS, NORTH-HOLLAND, AMSTERDAM, NL, vol. 296, no. 1/2, 30 October 1998 (1998-10-30), pages 195-202, XP000869784            ISSN: 0009-2614            the whole document</p>	<p>1,2,6-9,            12-20,26</p>
X	<p>IVANOV V ET AL: "Catalytic production and purification of nanotubules having fullerene-scale diameters"            CARBON, ELSEVIER SCIENCE PUBLISHING, NEW YORK, NY, US, vol. 33, no. 12, 1995, pages 1727-1738, XP004022410            ISSN: 0008-6223            "Experimental"</p>	<p>1,2,6,            10,15,            16,20,            24,26</p>
X	<p>KREUPL F ET AL: "Template grown multiwall carbon nanotubes"            ELECTRONIC PROPERTIES OF MOLECULAR NANOSTRUCTURES: 15TH INTERNATIONAL WINTERSCHOOL/EUROCONFERENCE, KIRCHBERG, AUSTRIA, 3-10 MARCH 2001, no. 591, pages 231-234, XP002259155            AIP Conference Proceedings, 2001, AIP, USA            ISSN: 0094-243X            "Experimental set up"            table 1</p>	<p>1-4,            6-10,12,            13,            15-18,            20,24,26</p>

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